

MAY 06 2004

JC34

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)180.00

## Complete if Known

|                      |                    |
|----------------------|--------------------|
| Application Number   | 10/631,292         |
| Filing Date          | July 31, 2003      |
| First Named Inventor | CHENG, Cheng Tung  |
| Examiner Name        | Leslie J. Evanisko |
| Art Unit             | 2854               |
| Attorney Docket No.  | CTCU001            |

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None Deposit Account:

|                        |                      |
|------------------------|----------------------|
| Deposit Account Number | <input type="text"/> |
| Deposit Account Name   | <input type="text"/> |

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large Entity      | Small Entity  | Fee Description                 | Fee Paid             |
|-------------------|---------------|---------------------------------|----------------------|
| Fee Code (\$)     | Fee Code (\$) |                                 |                      |
| 1001 770          | 2001 385      | Utility filing fee              | <input type="text"/> |
| 1002 340          | 2002 170      | Design filing fee               | <input type="text"/> |
| 1003 530          | 2003 265      | Plant filing fee                | <input type="text"/> |
| 1004 770          | 2004 385      | Reissue filing fee              | <input type="text"/> |
| 1005 160          | 2005 80       | Provisional filing fee          | <input type="text"/> |
| SUBTOTAL (1) (\$) |               | <input checked="" type="text"/> | <input type="text"/> |

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims         | Independent Claims   | Multiple Dependent   | Extra Claims                 | Fee from below         | Fee Paid             |
|----------------------|----------------------|----------------------|------------------------------|------------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | -20** = <input type="text"/> | X <input type="text"/> | <input type="text"/> |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | - 3** = <input type="text"/> | X <input type="text"/> | <input type="text"/> |
|                      |                      |                      |                              | <input type="text"/>   | <input type="text"/> |

| Large Entity      | Small Entity  | Fee Description  |
|-------------------|---------------|--|
| Fee Code (\$)     | Fee Code (\$) |  |
| 1202 18           | 2202 9        | Claims in excess of 20                                     |
| 1201 86           | 2201 43       | Independent claims in excess of 3                          |
| 1203 290          | 2203 145      | Multiple dependent claim, if not paid                      |
| 1204 86           | 2204 43       | ** Reissue independent claims over original patent         |
| 1205 18           | 2205 9        | ** Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) (\$) |               | <input checked="" type="text"/>                            |

\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

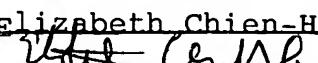
## 3. ADDITIONAL FEES

## Large Entity

## Small Entity

| Fee Code (\$)                     | Fee (\$) | Fee Code (\$) | Fee (\$) | Fee Description  | Fee Paid             |
|-----------------------------------|----------|---------------|----------|--|----------------------|
| 1051                              | 130      | 2051          | 65       | Surcharge - late filing fee or oath  | <input type="text"/> |
| 1052                              | 50       | 2052          | 25       | Surcharge - late provisional filing fee or cover sheet                     | <input type="text"/> |
| 1053                              | 130      | 1053          | 130      | Non-English specification  | <input type="text"/> |
| 1812                              | 2,520    | 1812          | 2,520    | For filing a request for ex parte reexamination                            | <input type="text"/> |
| 1804                              | 920*     | 1804          | 920*     | Requesting publication of SIR prior to Examiner action                     | <input type="text"/> |
| 1805                              | 1,840*   | 1805          | 1,840*   | Requesting publication of SIR after Examiner action                        | <input type="text"/> |
| 1251                              | 110      | 2251          | 55       | Extension for reply within first month                                     | <input type="text"/> |
| 1252                              | 420      | 2252          | 210      | Extension for reply within second month                                    | <input type="text"/> |
| 1253                              | 950      | 2253          | 475      | Extension for reply within third month                                     | <input type="text"/> |
| 1254                              | 1,480    | 2254          | 740      | Extension for reply within fourth month                                    | <input type="text"/> |
| 1255                              | 2,010    | 2255          | 1,005    | Extension for reply within fifth month                                     | <input type="text"/> |
| 1401                              | 330      | 2401          | 165      | Notice of Appeal   | <input type="text"/> |
| 1402                              | 330      | 2402          | 165      | Filing a brief in support of an appeal                                     | <input type="text"/> |
| 1403                              | 290      | 2403          | 145      | Request for oral hearing   | <input type="text"/> |
| 1451                              | 1,510    | 1451          | 1,510    | Petition to institute a public use proceeding                              | <input type="text"/> |
| 1452                              | 110      | 2452          | 55       | Petition to revive - unavoidable   | <input type="text"/> |
| 1453                              | 1,330    | 2453          | 665      | Petition to revive - unintentional   | <input type="text"/> |
| 1501                              | 1,330    | 2501          | 665      | Utility issue fee (or reissue)   | <input type="text"/> |
| 1502                              | 480      | 2502          | 240      | Design issue fee   | <input type="text"/> |
| 1503                              | 640      | 2503          | 320      | Plant issue fee  | <input type="text"/> |
| 1460                              | 130      | 1460          | 130      | Petitions to the Commissioner  | <input type="text"/> |
| 1807                              | 50       | 1807          | 50       | Processing fee under 37 CFR 1.17(q)  | <input type="text"/> |
| 1806                              | 180      | 1806          | 180      | Submission of Information Disclosure Stmt                                  | <input type="text"/> |
| 8021                              | 40       | 8021          | 40       | Recording each patent assignment per property (times number of properties) | <input type="text"/> |
| 1809                              | 770      | 2809          | 385      | Filing a submission after final rejection (37 CFR 1.129(a))                | <input type="text"/> |
| 1810                              | 770      | 2810          | 385      | For each additional invention to be examined (37 CFR 1.129(b))             | <input type="text"/> |
| 1801                              | 770      | 2801          | 385      | Request for Continued Examination (RCE)                                    | <input type="text"/> |
| 1802                              | 900      | 1802          | 900      | Request for expedited examination of a design application                  | <input type="text"/> |
| Other fee (specify)               |          |               |          |  |                      |
| *Reduced by Basic Filing Fee Paid |          |               |          | SUBTOTAL (3) (\$)  | <input type="text"/> |
|                                   |          |               |          |  | 180                  |

SUBMITTED BY (Complete if applicable)

|                   |   |                                   |             |           |              |
|-------------------|---|-----------------------------------|-------------|-----------|--------------|
| Name (Print/Type) | Elizabeth Chien-Hale  | Registration No. (Attorney/Agent) | 44,077      | Telephone | 408 421 0287 |
| Signature         |  | Date                              | May 2, 2004 |           |              |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PATENT  
Docket No. CTCU001

CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on May 3, 2004.

Elizabeth Chien-Hale  
Name

Elizabeth Chien-Hale  
Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

CHENG, Cheng Tung et al.

Serial No.: 10/631,292

Filing Date: July 31, 2003

For: NON-LINEAR ERGONOMIC  
KEYBOARD

Examiner: Leslie J. Evanisko

Group Art Unit: 2854

**INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Pursuant to the USPTO notice dated July 11, 2003, waiving the requirement under 37 C.F.R. § 1.98 (a)(2)(i) to provide copies of U.S. Patents and U.S. Published Applications, copies of those references are

05/07/2004 MBERHE 00000134 10631292

180.00 OP

01 FC:1806

not submitted. Copies of non-patent literature are submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

- With the application; accordingly, no fee or separate requirements are required.
- Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114. However, if applicable, a certification under 37 C.F.R. § 1.97(e)(1) has been provided.
- Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required. However, if applicable, a certification under 37 C.F.R. § 1.97(e)(1) has been provided.
- After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
  - A fee is required. A check in the amount of **\$180.00** is enclosed.
  - A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
  - A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly; no fee is believed to be due.
- After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
  - A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the amount of    is enclosed.
  - A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.)

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does

not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

Dated: May 2, 2004

Respectfully submitted,

By:

  
Elizabeth Chien-Hale  
Registration No. 44,077

Address: 40087 Mission Blvd. #367  
Fremont, CA 94539  
Telephone: (408)421-0287  
Facsimile: (416)485-7385



|   |  |                           |                               |
|---|--|---------------------------|-------------------------------|
| Form PTO-1449<br><b>INFORMATION DISCLOSURE CITATION<br/>IN AN APPLICATION</b><br><i>(Use several sheets if necessary)</i> |  | Docket Number CTCU001     | Application Number 10/631,292 |
|   |  | Applicant                 | CHENG, Cheng Tung et al.      |
|   |  | Filing Date July 31, 2003 | Group Art Unit 2854           |
|   |  | Mailing Date              |                               |

### U.S. PATENT DOCUMENTS

| Examiner Initials | Ref. No. | Date      | Document No. | Name        | Class | Subclass | Filing Date If Appropriate |
|-------------------|----------|-----------|--------------|-------------|-------|----------|----------------------------|
|                   | 1.       | 7/1/1986  | 4,597,681    | Hodges      |       |          |                            |
|                   | 2.       | 3/14/1995 | 5,397,189    | Minogue     |       |          |                            |
|                   | 3.       | 5/9/2000  | 6,059,470    | Myint       |       |          |                            |
|                   | 4.       | 4/15/2003 | 6,547,463    | Loo         |       |          |                            |
|                   | 5.       | 7/15/1997 | D381017      | Burrell, IV |       |          |                            |

### FOREIGN PATENT DOCUMENTS

| Examiner Initials | Ref. No. | Date | Document No. | Country | Class | Subclass | Translation YES NO |
|-------------------|----------|------|--------------|---------|-------|----------|--------------------|
|                   |          |      |              |         |       |          |                    |

### OTHER DOCUMENTS

*(including author, title, Date, Pertinent Pages, Etc.)*

| Examiner Initials | Ref. No. | Title  |
|-------------------|----------|--|
|                   | 6.       | Master Alfred Huang, "The Numerology of the I Ching: A Sourcebook of Symbols, Structures, and Traditional Wisdom", Publisher: Inner Traditions International, Rochester Vermont, 2000, pp. |
|                   | 7.       | "The I Ching", The Richard Wilhelm translation from Chinese into German, rendered into English by Cary F. Baynes, Bollinger Series published by Princeton University Press, NJ, 1967 pp.   |

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.